



MAY 19 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

J. Thomas Fowler, Allan Chertok, Darrell J. King, Gerald R. Larocque,  
Per Onnerud and Jay J. Shi

Application No.:

10/717,207

Group Art Unit:

2838

Filed:

November 19, 2003

Examiner:

Piggush, Aaron C.

Confirmation No.:

6009

Title:

BIDIRECTIONAL POWER CONVERTER FOR BALANCING STATE OF  
CHARGE AMONG SERIES CONNECTED ELECTRICAL ENERGY  
STORAGE UNITS

CERTIFICATE OF MAILING OR TRANSMISSION		
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:		
5-16-06	Carol M. Bowerman	
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Carol M. Bowerman		
Typed or printed name of person signing certificate		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)

under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

under 37 CFR 1.97(c) together with either:

a Statement under 37 CFR 1.97(e), as checked below, or

a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

under 37 CFR 1.97(d) together with:

a Statement under 37 CFR 1.97(e), as checked below, and

a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
(Filed after payment of issue fee)

05/22/2006 SFELEKE1 000000003 1071207  
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180.00 GP

Statement Under 37 CFR 1.97(e)

- Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

- Copies of the cited references are enclosed.
- Copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
- Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
- The listed references were cited in the enclosed International Search Report in a counterpart foreign application..
- The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:
  - the explanation provided on the attached sheet.
  - the explanation provided in the Specification.
  - submission of the enclosed International Search Report.
  - submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
  - the enclosed English language abstract.

[ ] Applicant requests that the following non-published pending applications be considered:  
(Affix a label or apply the stamp "Non-Published IDS Reference - Do Not Scan" to the front of each unpublished pending appl'n.)

Examiner's  
Initials

\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]  
\_\_\_\_ U.S. Patent Application No. [ ], by [inventor(s)], filed [ ], Docket No.: [ ]

Examiner

Date

[ ] A copy of each above-cited application, including the current claims, is enclosed.  
[ ] A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

[X] A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.  
[ ] Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.  
[X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By

F. James Coe  
Registration No.: 46,630  
Telephone: (978) 341-0036  
Facsimile: (978) 341-0136

Concord, MA 01742-9133

Dated: 5/16/06

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3556.1000-004	APPLICATION NO. 10/717,207
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION		FIRST NAMED INVENTOR J. Thomas Fowler	FILING DATE November 19, 2003
May 16, 2006 (use several sheets if necessary)		EXAMINER Piggush, Aaron C.	CONFIRMATION NO. 6009
			GROUP 2838

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AE3	4,502,001	02-26-1985	Galloway
	AF3	4,719,401	01-12-1988	Altmejd
	AG3	4,949,028	08-14-1990	Brune
	AH3	4,967,136	10-30-1990	Nofzinger
	AI3	5,304,915	04-19-1994	Sanpei et al.
	AJ3	5,387,857	02-07-1995	Honda et al.
	AK3	5,498,950	03-12-1996	Ouwerkerk
	AA4	5,526,215	06-11-1996	Higashijima et al.
	AB4	5,548,201	08-20-1996	Grabon
	AC4	5,592,067	01-07-1997	Peter et al.
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	AF4	5,666,041	09-09-1997	Stuart et al.
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	AK4	5,912,547	06-15-1999	Grabon
	AAS	5,920,179	07-06-1999	Pedicini
	ABS	5,945,810	08-31-1999	Fujita et al.
	ACS	5,982,143	11-09-1999	Stuart
	ADS	5,982,144	11-09-1999	Johnson et al.
	AE5	6,043,627	03-28-2000	Doura et al.
	AF5	6,064,178	05-16-2000	Miller
	AG5	6,114,835	09-05-2000	Price
	AH5	6,140,800	10-31-2000	Peterson

EXAMINER

DATE CONSIDERED

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EXAMINER	DATE CONSIDERED
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